



REMEDIAL TECHNICAL SERVICES

Consultancy & Laboratory Services

14, Mill Rise, Bourton, Nr Gillingham, Dorset. SP8 5DH.
Telephone (01747) 840715

Surveyors Dampness and Timber Infestation Courses

Course Tutor: G.R.Coleman. B.Sc.(Hons),M.I.Biol.,C.Biol.,A.I.W.Sc.F.Inst.R.T.S.

The courses are intended for those who need to understand and diagnose timber infestations and dampness in buildings. They are also specifically designed to cover a large proportion of the timber and dampness syllabus for the Certificated Surveyor in Remedial Treatment (CSRT) qualification, which replaces the CTIS and CRDS qualifications.

The courses are run by **Independent Parties** and not related to specific manufacturers materials, etc. Graham Coleman is an experienced trainer and the author of several authoritative publications on dampness and timber infestation. He is also one of the examiners appointed by the Institute of Wood Preserving and Damp-Proofing for the CSRT qualification.

The courses are held at

Safeguard Europe Ltd, Redkilm Close, Redkilm Way, Horsham, West Sussex, RH13 5QL

meeting at 9am for 9.30 start. A certificate of completion is issued for those attending and completing each part of the course. A CD ROM is supplied with the Timber infestation course.

Course content: See overpage

Course fees:*

1 day (Dampness or Timber Infestation)	£130-00 plus VAT (£152-75)
2 days (Dampness and Timber Infestation)	£255-00 plus VAT (£299-63)

(* includes coffees, teas and lunch)

2008 Course Dates:

	Timber Infestation	Dampness
Training	15th July	16th July

Please reserve places on the Timber Infestation/ Dampness Course to be held at Horsham
on Fee: £.....

Name: Company:

Address:..... Tel.....

Please make cheques payable to 'RTS' and return them to:

Remedial Technical Services, 14, Mill Rise, Bourton, Nr Gillingham, Dorset. SP8 5DH.

For further information please ring Graham Coleman on 01747-840715

COURSE CONTENT

Dampness in Buildings

Moisture in Masonry:

Distribution:

- Hygroscopic and Capillary moisture
- Saturation
- Distribution between different materials

Measurement:

- Electrical moisture meters
 - use and interpretation of results
- Carbide ('speedy') meters
- Gravimetric methods
- Other methods.

Salts:

- Efflorescent, hygroscopic and Deliquescent
- Importance and origin
- Sulphates, chlorides and nitrates and Other salts.

Moisture in Wood:

- Distribution
- Measurement
- Importance

Rising damp:

- Definition
- How water rises
 - factors affecting rise
- Identification of rising dampness
 - assessing efficacy of dpc's
 - methods
- Chemicals dpc's
 - types and application
 - performance
 - limitations and problems.
- Replastering
 - function and performance
 - sands and additives.
 - Problems.

Condensation:

- Relative humidity and dew point
- Surface condensation:
 - formation
 - moisture generation
 - mould growth
 - identifying and determining condensation
 - control
- Interstitial condensation:
 - definition
 - assessment
 - control

Water penetration:

- above ground
- below ground

Timber infestation*

Wood:

- Formation
- Structure.
 - macro and microscopic
- Durability and natural resistance
- Preservation

Rots:

- Wood as a food source
- White and brown rots
 - properties and identification
 - damage
- Requirements for decay.

Dry rot (*Serpula lacrymans*):

- Recognition
- Biology
- Control

Wet rots:

- Coniophora puteana*
- Fibroporia vaillantii*
- Paxillus panuoides*
- Donkioporia expansa*
- Asterostroma spp.*
- Phellinus contiguus*
- Other fungi in buildings

Wood boring insects:

- Life cycle and morphology
- Anobium punctatum*
 - 'Ambrosia' beetles
- Ernobius mollis*
- Xestobium rufovillosum*
- Lyctus brunneus*
- Hylotrupes bajulus*
- Forest longhorns
- Weevils
- Wood wasps

Action and performance of remedial chemicals

* = Samples of decay, insects and insect damage for study